VHF GROUND TO AIR ANTENNA
Model: BPV-AIR-115-140

Designed for the aeronautical VHF band the BPV-AIR 115-140 is a compact vertically polarised antenna which operates in the frequency range of 115-140 MHz with power handling of 100 watts continuous CW or 400 watts PEP. Antenna radiating elements are radome protected.

It is fully environmentally protected against UV, corrosion, water ingress, dust/ sand abrasion and fungal attack, and offers reliable, long life operation in all environments from the tropics to Antarctica.

The antenna includes a ground radial system and is tube mounted

**ALL external components are DC grounded to provide lightning and static discharge protection.**

**Specifications**

- **Frequency:** 115-140 MHz
- **Gain:** 1-3 dBi across band
- **VSWR:** Maximum 2:1 across band
- **Horizontal Pattern:** Omnidirectional
- **Polarisation:** Vertical
- **Power Rating:** 100 watts average (CW continuous) 400 watts PEP
- **Input Impedance:** 50 ohms
- **Input connection:** N type Female
- **Overall length:** 1.01m
- **Overall Width:** 550 mm (ground-plane diameter)
- **Wind Rating:** 230 km/hr
- **Weight:** 3.1 kg
- **Mounting:** Mounts to any circular spigot or tube 35 -50mm Diameter